OIPE

RAW SEQUENCE LISTING

5 <110> APPLICANT: Ashkenazi, Avi J.

PATENT APPLICATION: US/09/887,879

DATE: 12/21/2001 TIME: 15:12:39

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Output Set: N:\CRF3\12212001\1887879.raw

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Baker, Kevin P.
 7
 9
         Chuntharapai, Anan
         Gurney, Austin
11
         Kim, Kyung Jin
13
                                                  ENTERED
         Wood, William I.
15
19 <120> TITLE OF INVENTION: Apo-2DcR
23 <130> FILE REFERENCE: P1110P1
25 <140> CURRENT APPLICATION NUMBER: 09/887,879
27 <141> CURRENT FILING DATE: 2001-06-21
29 <150> PRIOR APPLICATION NUMBER: 09/096,500
31 <151> PRIOR FILING DATE: 1998-06-12
35 <150> PRIOR APPLICATION NUMBER: US 60/049,911
37 <151> PRIOR FILING DATE: 1997-06-18
41 <160> NUMBER OF SEQ ID NOS: 17
45 <210> SEQ ID NO: 1
47 <211> LENGTH: 259
49 <212> TYPE: PRT
51 <213> ORGANISM: Homo sapiens
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                     20
   Gln Glu Glu Val Pro Gln Gln Thr Val Ala Pro Gln Gln Gln Arg
71
75
    His Ser Phe Lys Gly Glu Glu Cys Pro Ala Gly Ser His Arg Ser
77
    Glu His Thr Gly Ala Cys Asn Pro Cys Thr Glu Gly Val Asp Tyr
81
83
                                                              75
                     65
                                          70
    Thr Asn Ala Ser Asn Asn Glu Pro Ser Cys Phe Pro Cys Thr Val
87
                                                              90
89
    Cys Lys Ser Asp Gln Lys His Lys Ser Ser Cys Thr Met Thr Arg
93
95
                     95
                                         100
99
    Asp Thr Val Cys Gln Cys Lys Glu Gly Thr Phe Arg Asn Glu Asn
101
                     110
                                          115
105
     Ser Pro Glu Met Cys Arg Lys Cys Ser Arg Cys Pro Ser Gly Glu
107
                     125
                                          130
                                                              135
111
     Val Gln Val Ser Asn Cys Thr Ser Trp Asp Asp Ile Gln Cys Val
113
                     140
    Glu Glu Phe Gly Ala Asn Ala Thr Val Glu Thr Pro Ala Ala Glu
117
119
                     155
                                          160
123
    Glu Thr Met Asn Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu
125
                     170
                                          175
    Glu Thr Met Asn Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu
129
131
                     185
                                          190
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Glu Thr Met Thr Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu

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137					200					205					210
141	Glu	Thr	Met	Thr		Ser	Pro	Gly	Thr		Ala	Pro	Ala	Ala	Glu
143					215					220					225
147	Glu	Thr	Met	Thr	Thr	Ser	Pro	Gly	Thr	Pro	Ala	Ser	Ser	His	Tyr
149					230					235					240
153	Leu	Ser	Cys	Thr	Ile	Val	Gly	Ile	Ile	Val	Leu	Ile	Val	Leu	Leu
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	<222> LOCATION: (193) (969)														
181 <223> OTHER INFORMATION:															
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195	cgttagggaa ctctggggac agagcgcccc ggccgcctga tggccgaggc 150												L <b>5</b> 0		
199	agg	gtgc	gac (	ccag	gacco	ca g	gacg	gcgt	c ggg	gaac	cata	CC	atg	195	
201													Met		
203													1		
207	gcc	cqq	atc	ccc	aag	acc	cta	aag	ttc	gtc	gtc	gtc	atc	234	
209	Åla	Arq	Ile	Pro	Lvs	Thr	Leu	Lvs	Phe	Val	Val	Val	Ile		
211		,		5	-			-	10						
215	atc	aca	gtc	cta	cta	cca	atc	cta	act	tac	t.ct	αcc	acc	273	
217			Val												
219	15	u	, 42	u	шеш	20	, 44	Leu		-1-	25				
223		acc	cgg	n a n	αaα		at t	000	cad	car		ata	acc	312	
225		_	Arg	_		-	_		_	_			-	J 1, Z	
227	1111	ніа	30	GIII	GLU	GIU	vaı	35	GIII	GTII	1111	vai	40		
														251	
231			caa											3 2 T	
233	Pro	GIn	Gln	GIn	-	HIS	ser	Pne	гàг	_	GIU	GLu	Cys		
235					45					50					
239			gga											390	
241	Pro		Gly	Ser	His	Arg		Glu	His	Thr	Gly		Cys		
243		55					60					65			
247			tgc											429	
249	Asn	Pro	Cys	Thr	Glu	Gly	Val	Asp	Tyr	Thr	Asn	Ala	Ser		
251				70					75						
255	aac	aat	gaa	cct	tct	tgc	ttc	cca	tgt	aca	gtt	tgt	aaa	468	
257	Asn	Asn	Glu	Pro	Ser	Cys	Phe	Pro	Cys	Thr	Val	Cys	Lys		
259	80					85			-		90	_	-		
263	tca	gat	caa	aaa	cat	aaa	aqt	tcc	tac	acc	atq	acc	aga	507	
265		-	Gln				_		_		_		-		
267			95	_		_		100	_				105		
271	gac	aca	gtg	tat	саσ	tat	aaa		aac	acc	ttc	caa		546	
273			Val												
2,3	٦.5	T 11T	• 44		Q 1 11	J 3	-13	υ±u	- T	T 111	1 110	*** 9			

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275
                         110
    279 gaa aac tcc cca gag atg tgc cgg aag tgt agc agg tgc 585
    281
         Glu Asn Ser Pro Glu Met Cys Arg Lys Cys Ser Arg Cys
    283
             120
                                 125
                                                     130
         cct agt ggg gaa gtc caa gtc agt aat tgt acg tcc tgg 624
    287
         Pro Ser Gly Glu Val Gln Val Ser Asn Cys Thr Ser Trp
    289
    291
                     135
         gat gat atc cag tgt gtt gaa gaa ttt ggt gcc aat gcc 663
    295
         Asp Asp Ile Gln Cys Val Glu Glu Phe Gly Ala Asn Ala
    297
    299
                             150
    303
         act gtg gaa acc cca gct gct gaa gag aca atg aac acc 702
         Thr Val Glu Thr Pro Ala Ala Glu Glu Thr Met Asn Thr
    307
                 160
                                     165
         age eeg ggg act eet gee eea get get gaa gag aca atg 741
    311
    313
         Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met
    315
                         175
    319
         aac acc agc cca ggg act cct gcc cca gct gct gaa gag 780
         Asn Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu
    321
    323
         aca atg acc acc agc ccg ggg act cct gcc cca gct gct 819
    327
         Thr Met Thr Thr Ser Pro Gly Thr Pro Ala Pro Ala Ala
    329
    331
                     200
                                         205
         gaa gag aca atg acc acc agc ccg ggg act cct gcc cca 858
    335
    337 Glu Glu Thr Met Thr Thr Ser Pro Gly Thr Pro Ala Pro
    339
                             215
    343 get get gaa gag aca atg ace ace age eeg ggg act eet 897
    345 Ala Ala Glu Glu Thr Met Thr Thr Ser Pro Gly Thr Pro
    347
                 225
                                     230
         gcc tct tct cat tac ctc tca tgc acc atc gta ggg atc 936
    351
         Ala Ser Ser His Tyr Leu Ser Cys Thr Ile Val Gly Ile
    353
    355
                         240
    359
         ata gtt cta att gtg ctt ctg att gtg ttt gtt t 970
    361
         Ile Val Leu Ile Val Leu Leu Ile Val Phe Val
W--> 363
             250
         gaaagacttc actgtggaag aaattccttc cttacctgaa aggttcaggt 1020
    367
        aggegetgge tgagggeggg gggegetgga cactetetge cetgeetece 1070
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    389 <211> LENGTH: 299
    391 <212> TYPE: PRT
    393 <213> ORGANISM: Homo sapiens
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    407
    411 Arg Thr Gln Asp Gly Val Gly Asn His Thr Met Ala Arg Ile Pro
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413
417
     Lys Thr Leu Lys Phe Val Val Val Ile Val Ala Val Leu Leu Pro
419
                                            55
                       50
     Val Leu Ala Tyr Ser Ala Thr Thr Ala Arg Gln Glu Glu Val Pro
423
425
                       65
     Gln Gln Thr Val Ala Pro Gln Gln Gln Arg His Ser Phe Lys Gly
429
431
                       80
                                           85
435
     Glu Glu Cys Pro Ala Gly Ser His Arg Ser Glu His Thr Gly Ala
437
                                          100
                       95
     Cys Asn Pro Cys Thr Glu Gly Val Asp Tyr Thr Asn Ala Ser Asn
441
443
                                           115
     Asn Glu Pro Ser Cys Phe Pro Cys Thr Val Cys Lys Ser Asp Gln
447
449
                      125
                                           130
453
     Lys His Lys Ser Ser Cys Thr Met Thr Arg Asp Thr Val Cys Gln
455
                                           145
459
     Cys Lys Glu Gly Thr Phe Arg Asn Glu Asn Ser Pro Glu Met Cys
461
                     155
                                          160
     Arg Lys Cys Ser Arg Cys Pro Ser Gly Glu Val Gln Val Ser Asn
465
467
                     170
                                          175
     Cys Thr Ser Trp Asp Asp Ile Gln Cys Val Glu Glu Phe Gly Ala
471
473
                                          190
                      185
477
     Asn Ala Thr Val Glu Thr Pro Ala Ala Glu Glu Thr Met Asn Thr
479
                     200
                                           205
     Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Asn Thr
483
485
                     215
                                           220
     Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr
489
491
                      230
                                           235
     Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr
495
497
                                           250
501
     Ser Pro Gly Thr Pro Ala Pro Ala Ala Glu Glu Thr Met Thr Thr
503
                                          265
                     260
507
     Ser Pro Gly Thr Pro Ala Ser Ser His Tyr Leu Ser Cys Thr Ile
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                                          280
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535 <223> OTHER INFORMATION:
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545 <223> OTHER INFORMATION:
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RAW SEQUENCE LISTING

. DATE: 12/21/2001

PATENT APPLICATION: US/09/887,879

TIME: 15:12:39

555 557 559	atttttggga gtttgaccag ag											aag Lys		90
563	cac	ttc	cta	cca	tta	aaa	aac	-40 tct	aaa	σac	aσa	aca	ccc	129
565 567						Gly	Asn					Ala		
571	cqq	ccq	cct	gat	qqc	cqa	qqc	agg	qtq	cga	ccc	agg	acc	168
573		_		-		_			-	_		Arg		
575	_	-20		-	-	_	-15			_		-10		
579	caq	gac	qqc	atc	qqq	aac	cat	acc	atq	qcc	cqq	atc	ccc	207
581	-	-		-								Ile		
583		•	•	- 5	•				1		_		5	
587	aaq	acc	cta	aaq	ttc	atc	qtc	qtc	atc	qtc	qcq	qtc	ctg	246
589												Val		
591				1	10					15				
595	cta	cca	atc	cta	qct	tac	tct	qcc	acc	act	qcc	cqq	cag	285
597	_		-		_			-			_	Arg	-	
599		20				-	25					30		
603	σaσ	qaa	qtt	ccc	caq	caq	aca	qtq	qcc	cca	caq	caa	cag	324
605												Gln		
607				35					40					
611	agg	cac	aqc	ttc	aaq	qqq	gag	gag	tqt	cca	qca	qqa	tct	363
613												Gly		
615	45				-	50			-		55	-		
619	cat	aga	tca	qaa	cat	act	qqa	qcc	tgt	aac	ccg	tgc	aca	402
621		_		-				_	_		_	Cys		
623		-	60				_	65	_			_	70	
627	gag	ggt	gtg	gat	tac	acc	aac	gct	tcc	aac	aat	gaa	cct	441
629												Glu		
631		_		_	75					80				
635	tct	tgc	ttc	cca	tgt	aca	gtt	tgt	aaa	tca	gat	caa	aaa	480
637	Ser	Cys	Phe	Pro	Cys	Thr	Val	Cys	Lys	Ser	Asp	Gln	Lys	
639		85					90					95		
643	cat	aaa	agt	tcc	tgc	acc	atg	acc	aga	gac	aca	gtg	tgt	519
645	His	Lys	Ser	Ser	Cys	Thr	Met	Thr	Arg	Asp	Thr	Val	Cys	
647				100					105					
651	cag	tgt	aaa	gaa	ggc	acc	ttc	cgg	aat	gaa	aac	tcc	cca	558
653	Gln	Cys	Lys	Glu	Gly	Thr	Phe	Arg	Asn	Glu	Asn	Ser	Pro	
655	110					115					120			
659	gag	atg	tgc	cgg	aag	tgt	agc	agg	tgc	cct	agt	ggg	gaa	597
661	Glu	Met	Cys	Arg	Lys	Cys	Ser	Arg	Cys	Pro	Ser	Gly	Glu	
663			125					130					135	
667	gtc	caa	gtc	agt	aat	tgt	acg	tcc	tgg	gat	gat	atc	cag	636
669	Val	Gln	Val	Ser	Asn	Cys	Thr	Ser	Trp	Asp	Asp	Ile	Gln	
671					140					145				
675													acc	675
677	Cys		Glu	Glu	Phe	Gly		Asn	Ala	Thr	Val	Glu	Thr	
679		150					155					160		
683	cca	gct	gct	gaa	gag	aca	atg	aac	acc	agc	ccg	ggg	act	714

VERIFICATION SUMMARY

DATE: 12/21/2001

PATENT APPLICATION: US/09/887,879

TIME: 15:12:40

Input Set : N:\Crf3\RULE60\09887879.txt Output Set: N:\CRF3\12212001\I887879.raw

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